

ELECTRONIC ICE BAG

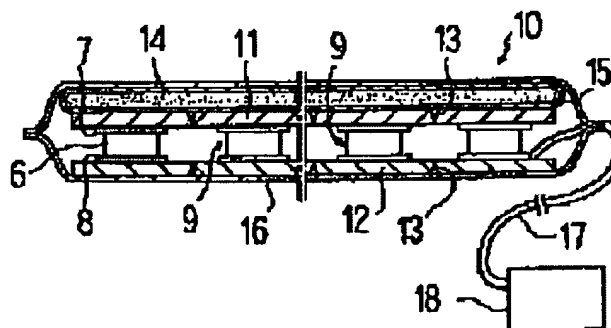
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Inventor: HORIBA TAKESHI
Applicant: SANYO MACHINE WORKS
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Abstract of JP10258080

PROBLEM TO BE SOLVED: To provide a novel electronic ice bag which is a substitution for a cold reserving device for an ice bag, a gelatinous cold reserving agent or the like.

SOLUTION: In this electronic ice bag, a plurality of Peltier element modules 9 which are electrically connected in series and in parallel are aligned in vertically and horizontally to be arranged on a plane. The Peltier element modules 9 are sandwiched by highly heat conductive metal plates 11 and 12 from the heat radiating side and the heat absorbing side, a bagshaped heat radiator 15 filled with a highly heat conductive medium 14 is joined on the outside of a metal plate 8 on the heat radiating side and the Peltier element modules 9, metal plates 11 and 12 and the heat radiator 15 are covered with an armor cover 16. A controller 18 is connected and controls temperature by driving the Peltier element modules 9 with a power source cable 17 led out of the armor cover 16.



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